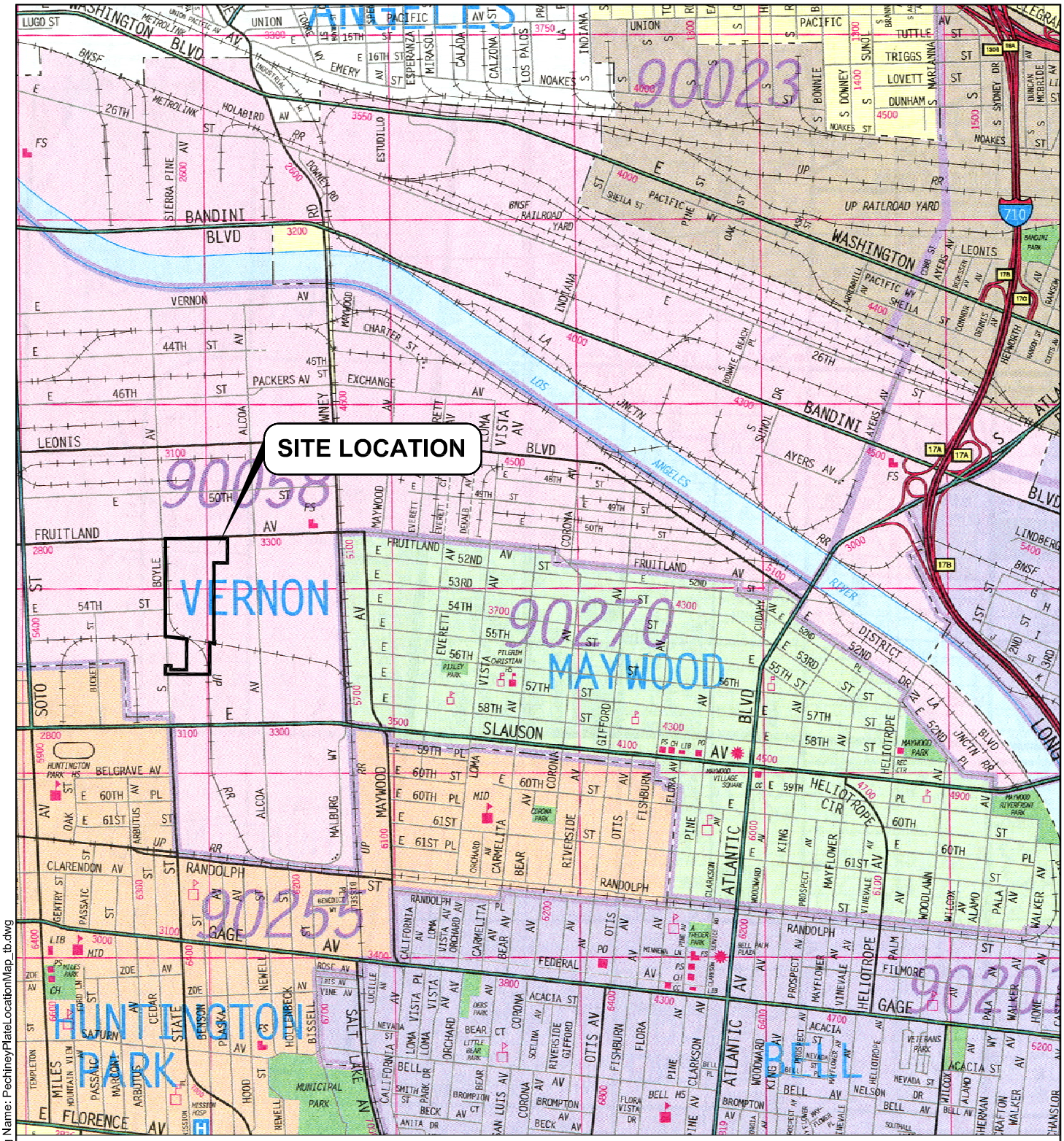
FIGURES



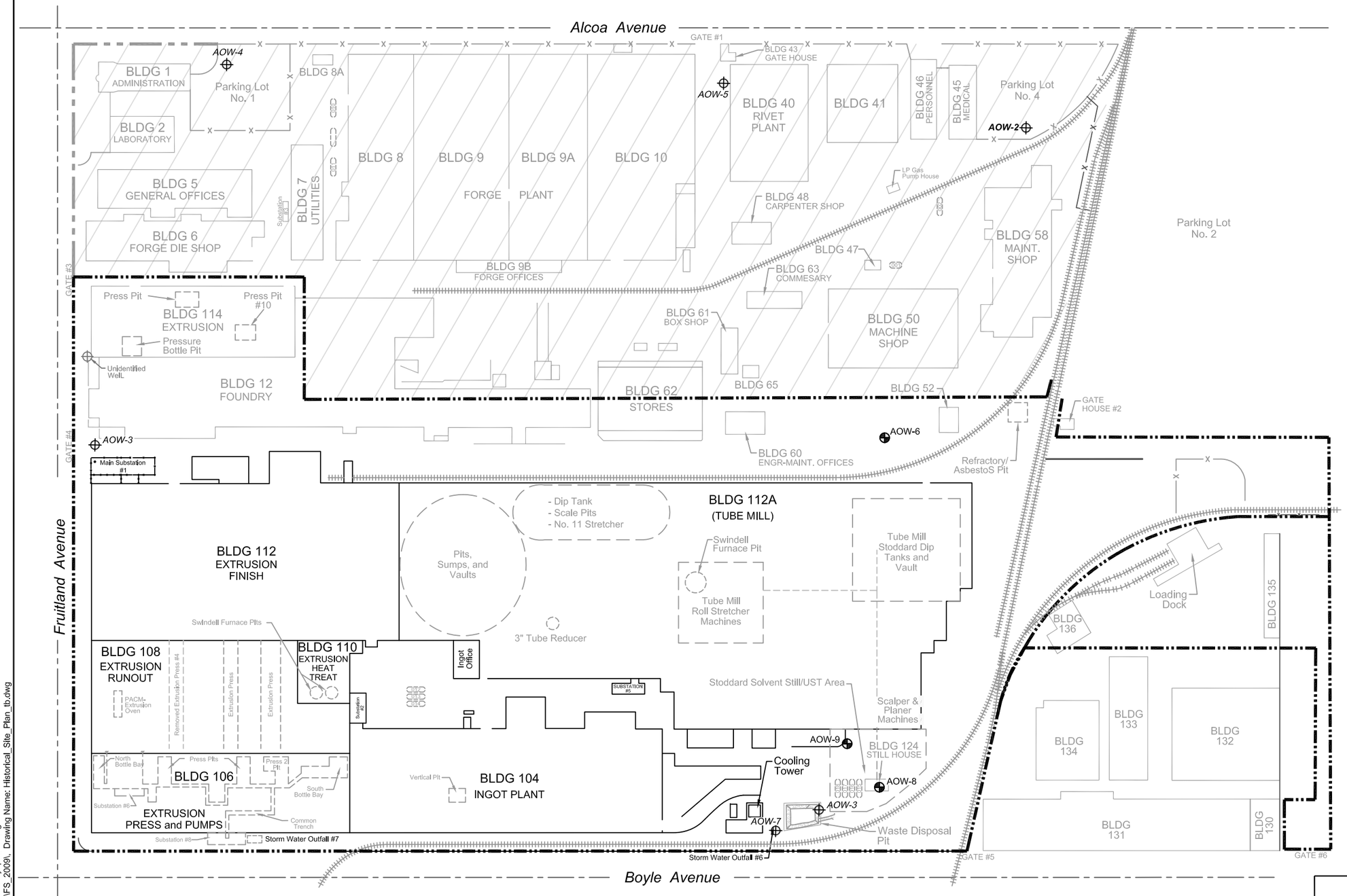
Plot Date: 08/06/09 - 10:35am. Plotted by: pat.herring
Drawing Path: Y:\10627.003.0\acad\FS_2009\, Drawing Name: PechineyPlateLocationMap_tb.dwg

N

Approximate Scale in Feet
0 1000 2000
0 300 600
Approximate Scale in Meters

SITE LOCATION MAP
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

By: pah	Date: 08/05/09	Project No. 10627.003.0
AMEC Geomatrix		Figure 1



Explanation

- AOW-6 — Groundwater monitoring well
- AOW-2 — Groundwater monitoring well destroyed
- Site boundary
- Railroad tracks
- Chain link fence
- Concrete slab (above-grade structure demolished)
- Historical building
- DT6 — Former underground storage tank location with tank designation
- Approximate location of historical operations
- Razed and redeveloped

Note:

Site boundary and groundwater monitoring well locations are approximate.

0 80 160

Approximate Scale in Feet

HISTORICAL SITE LAYOUT
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

By: pah	Date: 08/05/09	Project No. 10627.003.0
AMEC Geomatrix	Figure	2

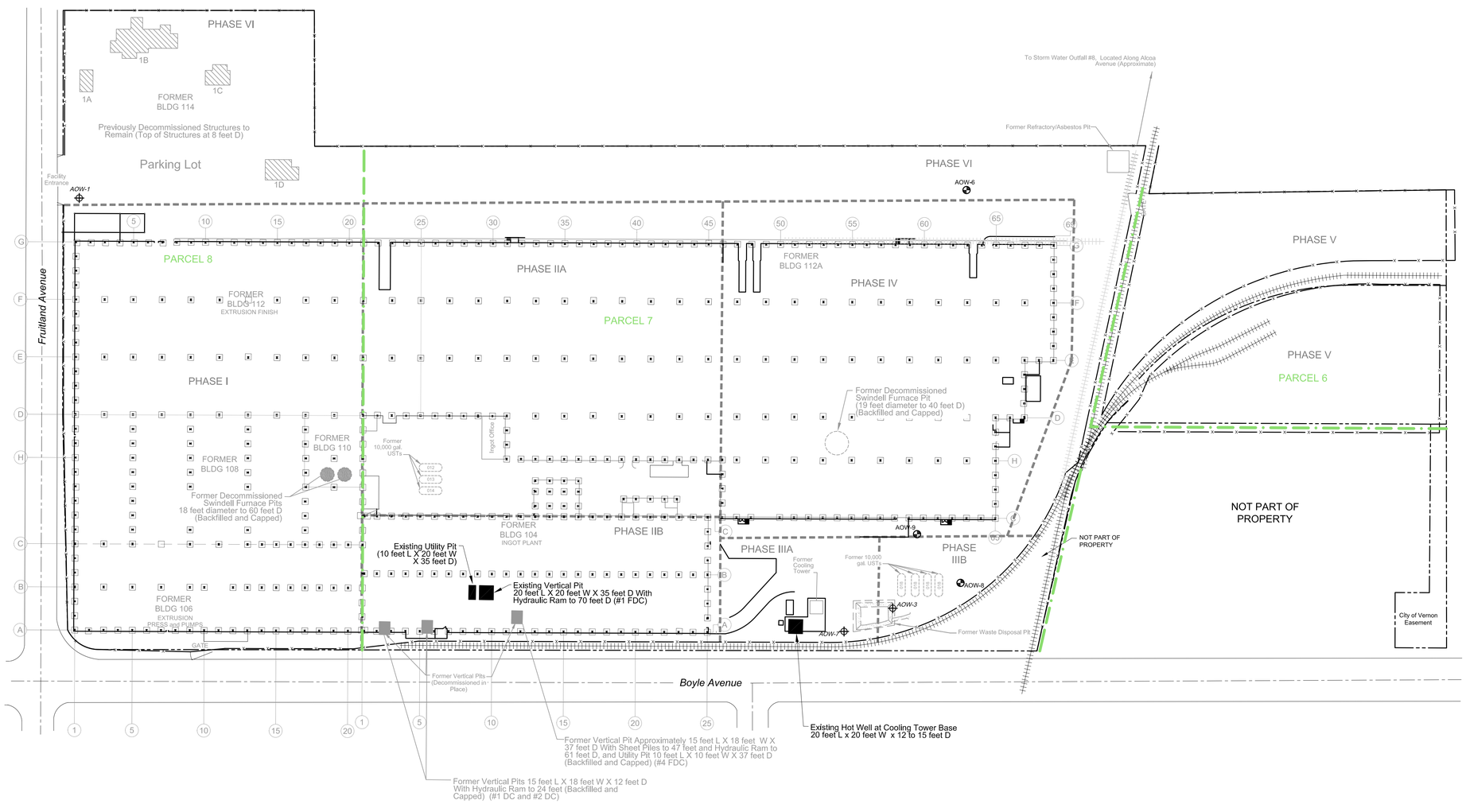
Plot Date: 08/06/09 - 11:10am, Plotted by: pat.herring
Drawing Path: Y:\10627.003.0\acad\FS_2009\, Drawing Name: Historical_Site_Plan_tb.dwg

Explanation

- Site boundary
- Parcel boundary
- Phase boundary
- Railroad track (at grade)
- Railroad track (buried)
- Chain link fence
- AOW-09 — Groundwater monitoring well
- AOW-07 — Groundwater monitoring well destroyed
- Existing footing
- BLDG — Building
- 20 B — Column and row numbering system for footings
- Former vertical pit
- Existing vertical pit (not backfilled)
- Former Swindell pit
- L — Length
- W — Width
- D — Depth

Note:

Site boundary and groundwater monitoring well locations are approximate.



0 50 1000

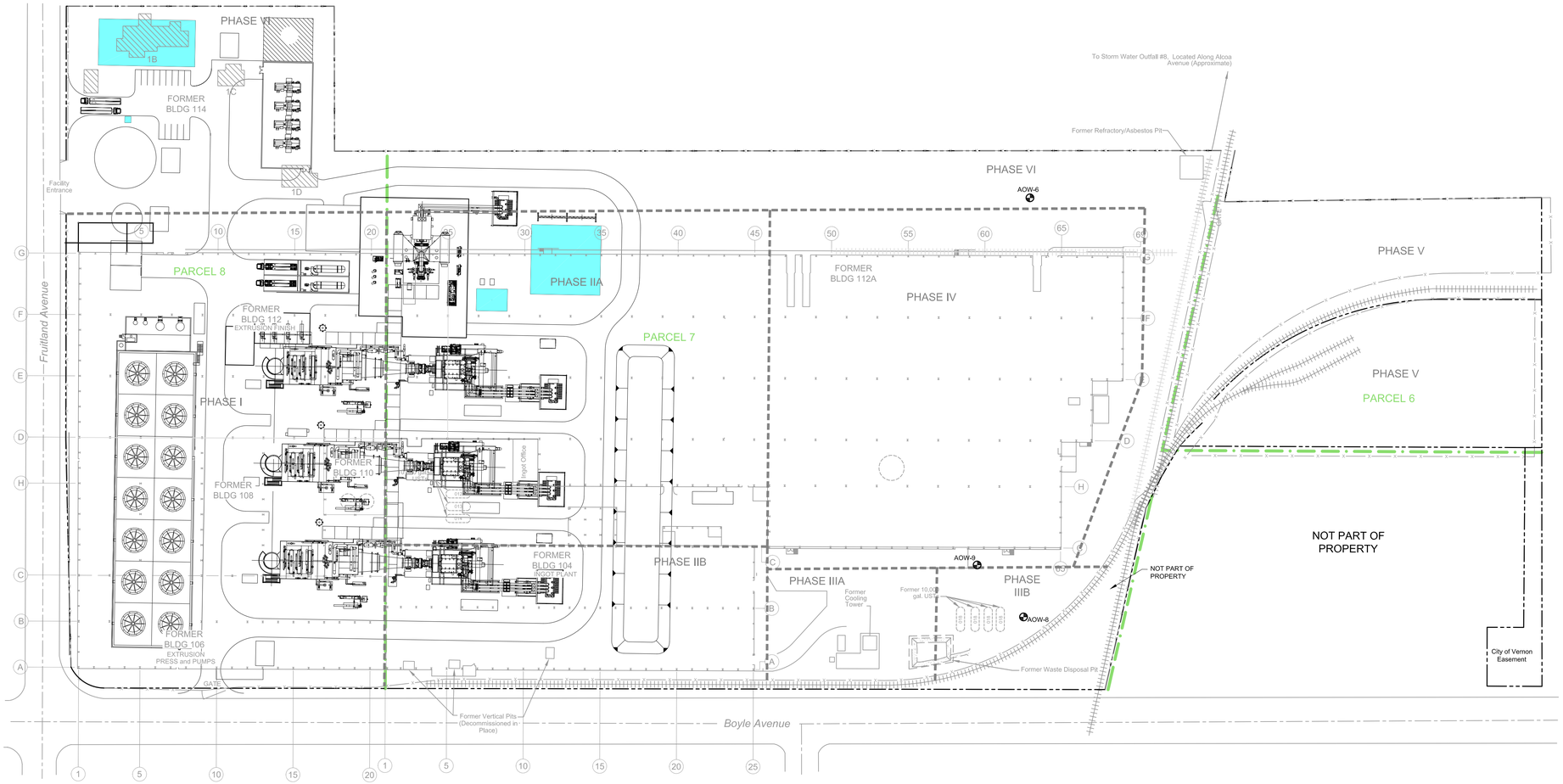
Approximate Scale in Feet

Basemap modified from Pechiney Cast Plate, Inc. Site Plan dated January 9, 2002; Geraghty & Miller, Inc. "Groundwater Elevation and Volatile Organic Compound Concentrations December 8, 1994" figure dated February 2, 1995; Aluminum Company of America "Works General-MPA" figure dated October 10, 1984; and Los Angeles County Assessor's Office Parcel Map 6310/Sheet 8 dated November 5, 1958.

CURRENT SITE LAYOUT
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

By: pah	Date:08/05/09	Project No.10627.003
AMEC Geomatrix		Figure 3

Plot Date: 08/05/09 - 4:39pm Plotted by: pat.herring
Drawing Path: X:\10627.003\Docs\FS_2009\ Drawing Name: Current_Site_Plan_fb.dwg



Explanation

- Site boundary
- Parcel boundary
- Phasing area boundary
- Railroad track (at grade)
- Railroad track (buried)
- Chain link fence
- AOW-6 Groundwater monitoring well
- Proposed building for high occupancy use

Note:

Site boundary and groundwater monitoring well locations are approximate.

0 500 1000

Approximate Scale in Feet

Basemap modified from Pechiney Cast Plate, Inc. Site Plan dated January 9, 2002; Geraghty & Miller, Inc. "Groundwater Elevation and Volatile Organic Compound Concentrations December 8, 1994" figure dated February 2, 1995; Aluminum Company of America "Works General4MPA" figure dated October 10, 1954; and Los Angeles County Assessor's Office Parcel Map 6310/Sheet 8 dated November 5, 1958.

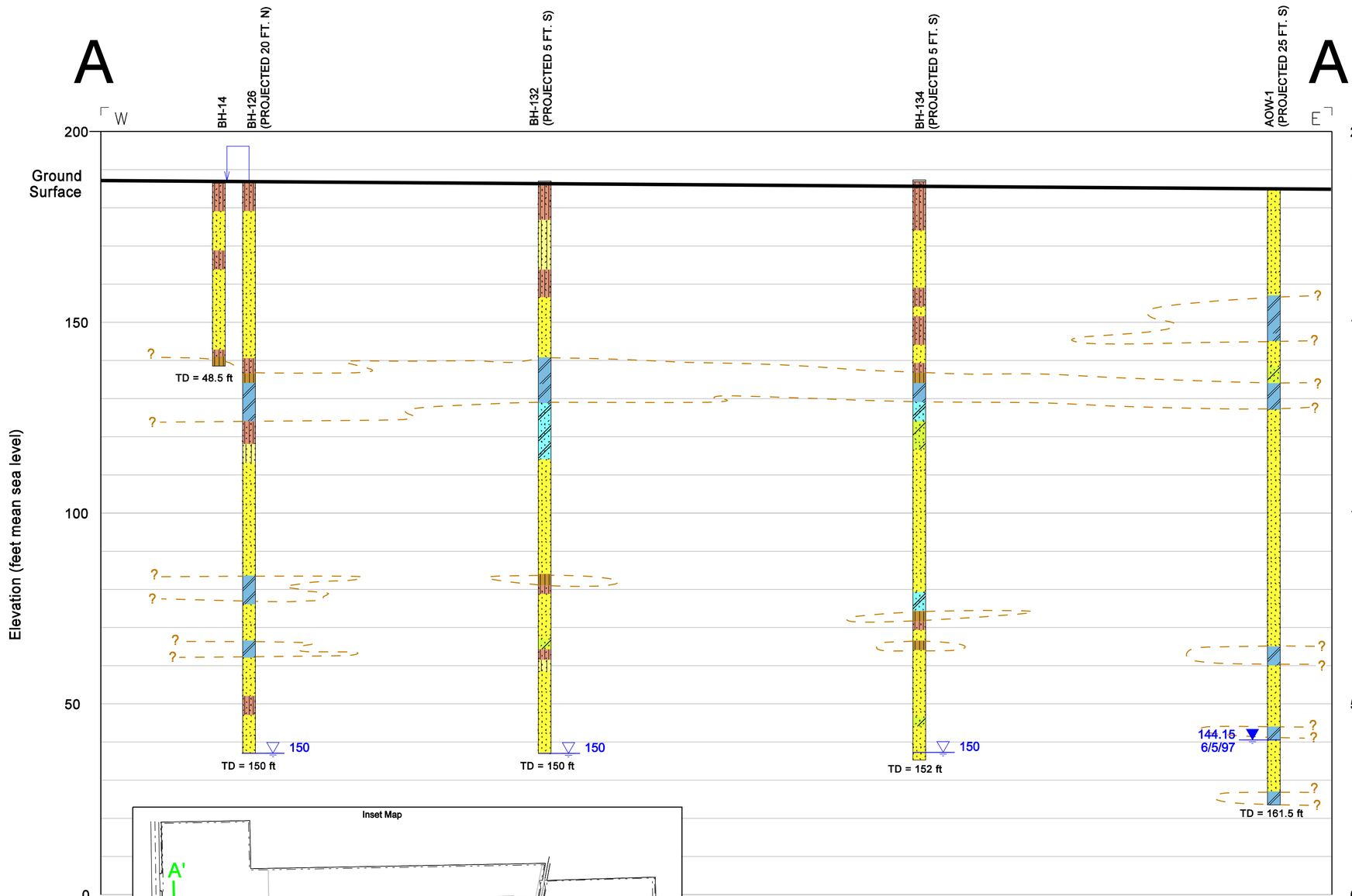
PROPOSED POWER PLANT FOOTPRINT WITH PHASING AREAS

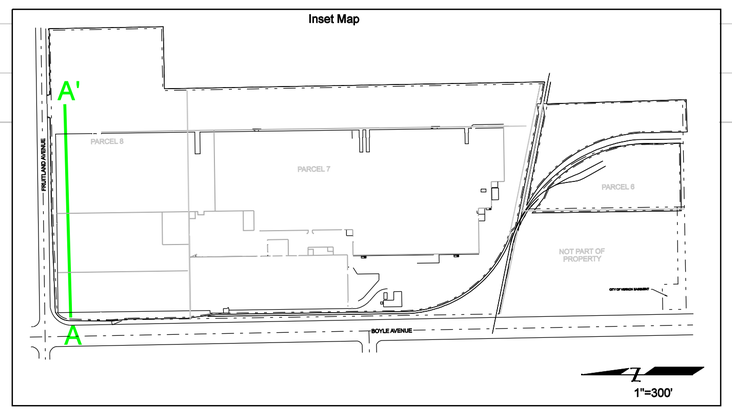
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

By: pah	Date:08/05/09	Project No. 10627.003.0
AMEC Geomatrix	Figure 4	

Note: Figure shall be produced in color to maintain information.

Plot Date: 08/05/09 - 4:43pm Plotted by: pat herring
Drawing Path: N:\10627.003\Docs\FIG_05\05_ Drawing Name: Proposed_Power_Plant_VG_8b.dwg





Explanation

	Unknown or undefined lithology
	Asphalt or roadbase
GP or GW	Gravel/gravel-sand mixtures, little or no fines
GW-GM or GP-GM	Gravel/gravel-sand mixtures with silt
GW-GC or GP-GC	Gravel/gravel-sand mixtures with clay
SW or SP	Sand/gravelly sands, little or no fines
SW-SM or SP-SM	Sand/gravelly sands with silt
SW-SC or SP-SC	Sand/gravelly sands with clay
GM	Silty gravels/gravel-sand-silt mixtures
SM	Silty sands/sand-silt mixtures
GC	Clayey gravel/gravel-sand-clay mixtures
SC	Clayey sand/sand-clay mixtures
ML or MH	Inorganic silt with less than 50% coarse-grained material
CL or CH	Inorganic clay with less than 50% coarse-grained material

Boring location shifted from existing location to prevent overlap of two borings. Arrow shows location of boring.

Fined-grained sediments (ML, MH, CL, or CH). Contacts are approximate.

144.15 6/5/97 Depth to groundwater and date for measurement

150 Depth to groundwater encountered during borehole advancement

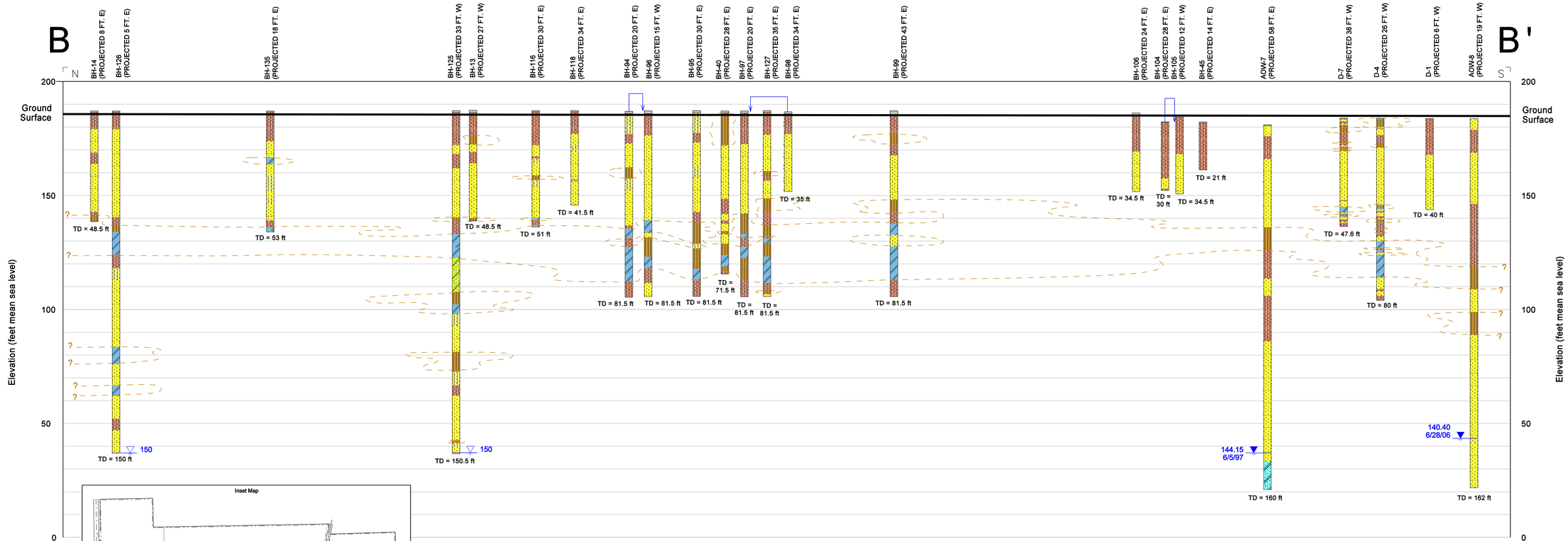
APPROXIMATE VERTICAL SCALE (FEET): 0 to 20

APPROXIMATE HORIZONTAL SCALE (FEET): 0 to 40

LITHOLOGIC CROSS SECTION A-A'
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

By: pah	Date: 08/05/09	Project No: 10627.003
AMEC Geomatrix		Figure 5

Y:\10627.003.0\acad\FS_2009\sec\ao-1b_v3.dgn



H:\10627.003\Drawing\F5_2009\sec-BB-b...v3.dgn

LITHOLOGIC CROSS SECTION B-B'
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

By: pah	Date: 08/05/09	Project No: 10627.003
AMEC Geomatrix	Figure 6	

Explanation

- Previous excavation (all previous limits of excavation are approximate)
- Sample taken during excavation activities
- AOW-9 — Groundwater monitoring well
- #90 — Geomatrix soil vapor sampling point
- #109 — Geomatrix soil boring
- B-1 — Approximate location of historical boring
- D-1 — Approximate location of historical CPT
- C-1 — Approximate location of historical vapor extraction well (destroyed 2006)
- C-30 — Approximate location of historical concrete core sample
- 20 B — Column and row numbering system for footings
- Limits of work
- Phasing area boundary
- Parcel boundary
- Railroad track (at grade)
- Railroad track (buried)
- Chain link fence
- BLDG — Building
- Previously decommissioned and capped buried structures with PCB impacts (to remain)
- Approximate extent of Stoddard Solvent impacted soil within Phase III and Phase IV areas. Extent based on soil and CPT/Rost data.

Notes:

1. Historical sample locations are approximate.
2. PCB sample results reported in micrograms per kilogram (µg/kg). See Table 2.
3. TPH sample results reported in milligrams per kilogram (mg/kg).

PHASE VI

1B

1A

1C

1D

FORMER BLDG 114

PHASE VI

AOW-6

To Storm Water Outfall #8, Located Along Alcoa Avenue (Approximate)

Facility Entrance

Former Main Substation #1

PARCEL 8

FORMER BLDG 112 EXTRUSION FINISH

PHASE I

PHASE IIA

PARCEL 7

FORMER BLDG 112A

PHASE IV

Former Tube Mill and Roll Stretcher Machines

Former Tube Mill Stoddard Solvent Dip Tanks and Vault

PHASE V

PHASE V

PARCEL 6

Fruitland Avenue

T-3-N, PV-1, P-2
Diesel USTs excavated
PCBs not detected

3" Former Tube Reducer

1 ½" Former Tube Reducer

B112-7
Former sump from 3" tube reducer excavated to 5 feet below sump invert
PCBs not detected

Former Decommissioned Swindell Furnace Pit

Sump

Scalper and Planer Machines

B135-1, B135-5B, B135-E
Soil beneath former Building 135 was excavated to an unknown depth
Lead remains in soil at 6.3 and 34 mg/kg

FORMER BLDG 110

FORMER BLDG 108

Former 10,000 gal. USTs

Ingot Office

Former Substation #2

Former Substation #5

NOT PART OF PROPERTY

FORMER BLDG 104 INGOT PLANT

PHASE IIB

Saw Area

Vertical Pit

Former Stoddard Solvent Still Area and USTs

AOW-9

PHASE IIIA

PHASE IIIB

Former 10,000 gal. UST

Existing hot well at cooling tower

AOW-8

NOT PART OF PROPERTY

UST-2A (1) through UST-2A (20), UST-2B (1) through UST-2B (3)
Stoddard Solvent USTs excavated. The USTs were removed and the excavation backfilled with impacted soil between 3 and 18 feet bgs. A 6-mil liner was placed over the backfilled soil at 3 feet bgs and covered with clean fill (CCG Group, Inc,, 1995).
TPH (undifferentiated) remains in soil at 455 to 9,500 mg/kg at bottom and sidewalls.

City of Vernon Easement

Area Capped with Concrete

FORMER BLDG 106 EXTRUSION PRESS and PUMPS

GATE

Former Waste Disposal Pit

Former Substation #8

Former Vertical Pits (Decommissioned in Place)

Storm Wwater Outfall #6 (Approximate)

Boyle Avenue

Former Condenser Pad
NW-106-a, NW-106-b
Excavated to 2 feet bgs
PCBs remain in soil at 2,700 µg/kg

SWO7-1, SWO7-2, SWO7-3, SWO7-6, SWO7-7, SWO7-M, SWO7-N, SWO7-S
Storm Water Outfall #7 discharge area excavated to 6 feet bgs
PCBs remain in soil at 540 - 4,500 µg/kg

Storm Water Outfall #7 (Approximate)

PP#2 Surface, PP#2 Bottom, PP#2 North, PP#2 East, PP#2 South, PP#2 West, PP#2-4, PP#2-7
Former Press Pit #2 french drain excavated to 7 feet bgs
PCBs remain in soil at 140 µg/kg

HW-2, HW-2A, HW-3, HW-4, HW-5, HW-6, HW-N, HW-S
Area adjacent to hot well excavated to 3 feet bgs
PCBs remain in soil at 230 - 6,900 µg/kg backfilled with clean road base

H-4F, SWO-6-1, SWO-6-2, SWO-6-3, SWO-6-4, SWO-6-5, SWO-6-6, SWO-6-Fence, SWO-6-N, SWO-6-S, SWO-6-Tracks
Storm Water Outfall #6 discharge area excavated to 2 feet bgs
PCBs remain in soil at 2 feet at 1,100 - 7,100 µg/kg
PCBs remain in soil at 5 feet at 130 - 3,200 µg/kg
PCBs remain in soil at 7 feet at 56 - 77 µg/kg

IWDP-1 through IWDP-13, IWDP-N (Black), IWDP-NE, IWDP-NWB, IWDP-S, IWDP-SE, IWDP-SWB, IWDP-W (Clean), IWDP-W (Clean), IWDP-W (Gray), IWDP-Na (Clean), IWDP-Nb (Clean)
Former waste disposal pit excavated between 30 - 45 feet bgs
PCBs remain in soil at 890 - 5,200 µg/kg and TPH (C21-C28) remain in soil at 414 - 49,000 m/kg at sidewalls
PCBs remain in soil at ND - 900 µg/kg and TPH (C21-C28) remain in soil at 173 - 8300 mg/kg at excavation bottom
Excavation was terminated due to proximity to the railroad tracks along the south and west sides of the excavation

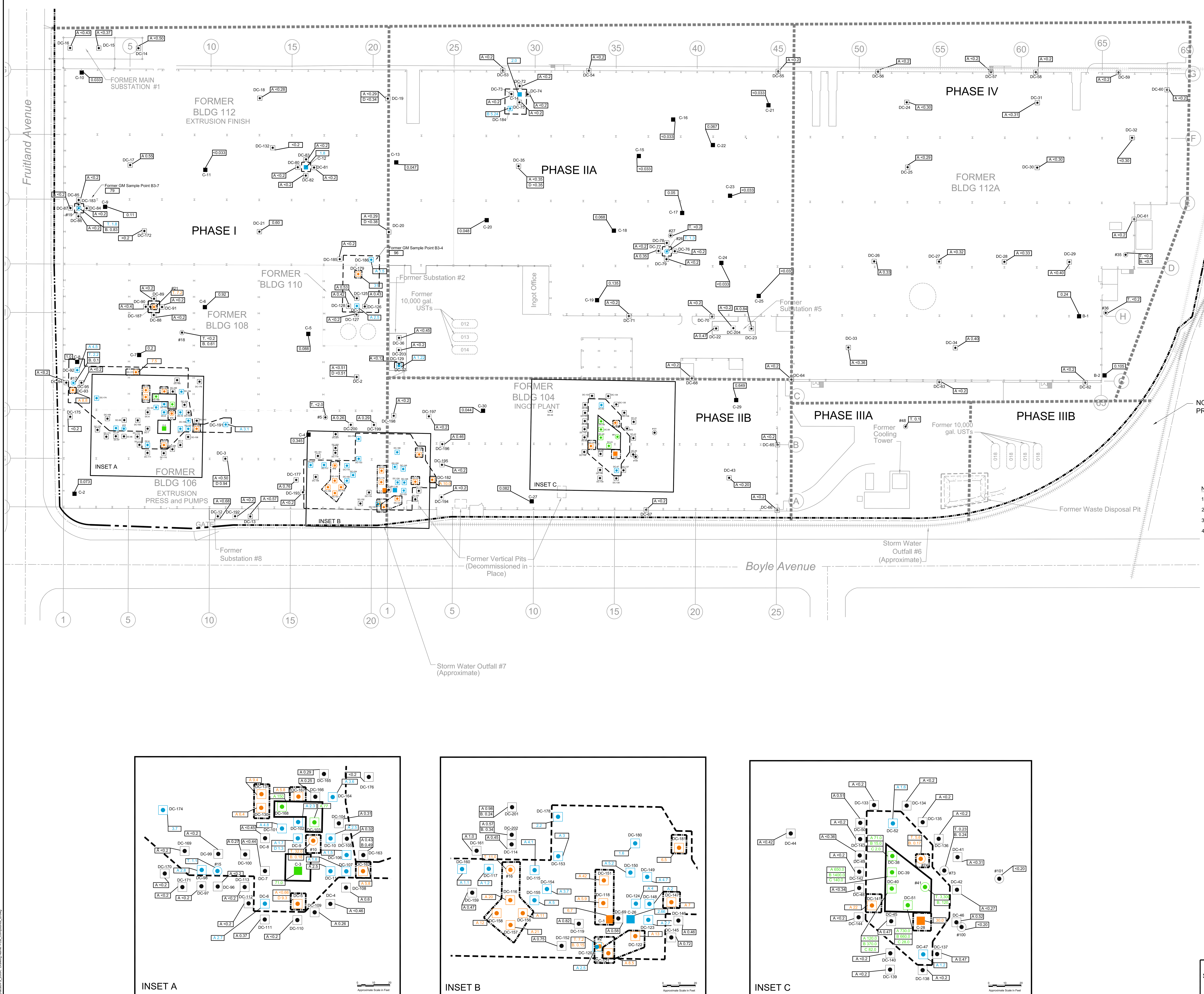
0 25 50
Approximate Scale in Feet

Basemap modified from Pechiney Cast Plate, Inc. Site Plan dated January 3, 2003; Geraghty & Miller, Inc. "Groundwater Elevation and Volatile Organic Compound Concentrations December 6, 1994" figure dated February 2, 1995; Aluminum Company of America "Works General&APM," figure dated October 10, 1984; and Los Angeles County Assessor's Office Parcel Map 6310/Sheet 6 dated November 5, 1956.

SAMPLE LOCATIONS AND AREAS PREVIOUSLY EXCAVATED
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

By: pah	Date: 08/05/09	Project No. 10627.003.0
AMEC Geomatrix		Figure 7

Plot Date: 09/24/09 - 3:32pm, Plotted by: pat hoehing
Drawing Path: Y:\10627.003.00\cad\FS_2009_ Drawing Name: Previous_Excavation_Completed_areas_fs.dwg



Explanation

- DC-01 — Concrete core sample (Geomatrix, 2006a, b, c, and d)
- #1 — Soil boring with concrete core sample
- C-30 — Concrete core sample (MFG, 1998)
- WS021 — Concrete floor wipe sample (Aurora, 2005)
- Limits of work
- Phasing area boundary
- Railroad track (on grade)
- Railroad track (buried)
- Chain link fence
- Building wall and columns
- BLDG — Building
- PCBs — Total polychlorinated biphenyls
- <0.2 — Sample results less than the reporting limit shown in milligrams per kilogram (mg/kg)
- T. — Top of concrete sample
- B. — Bottom of concrete sample
- A — Surface to depth of 0.25 inch
- B — Depth of 0.25 inch to 1.5 inches
- C — Depth of 1.5 inches to 3.0 inches
- D — Second slab of concrete
- PCB Concentration > 1 mg/kg and ≤ 5.3 mg/kg
- PCB Concentration ≥ 5.3 mg/kg and < 50 mg/kg
- PCB Concentration ≥ 50 mg/kg
- PCB-impacted concrete ≥ 1 mg/kg
- PCB-impacted concrete ≥ 5.3 mg/kg
- PCB-impacted concrete ≥ 50 mg/kg

Notes:

1. All locations are approximate.
2. All samples are bulk samples unless noted otherwise.
3. Samples analyzed using EPA method 8080 and 8082.
4. Bulk sample results reported in milligrams per kilogram (mg/kg).

Approximate Scale in Feet
0 20 40

Basemap modified from Pechiney Cast Plate, Inc. Site Plan dated January 9, 2002; Geraghty & Miller, Inc. "Groundwater Elevation and Volatile Organic Compound Concentrations December 8, 1994" figure dated February 2, 1995; Aluminum Company of America "Works General-MPA" figure dated October 10, 1984; and Los Angeles County Assessor's Office Parcel Map 6310/Sheet 8 dated November 5, 1958.

Note: Figure shall be produced in color to maintain information.

CONCRETE CHARACTERIZATION
SAMPLE LOCATIONS AND PCB CONCENTRATIONS
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

By: BRP	Date: 08/05/09	Project No. 10627.003.0
AMEC Geomatrix		Figure 8

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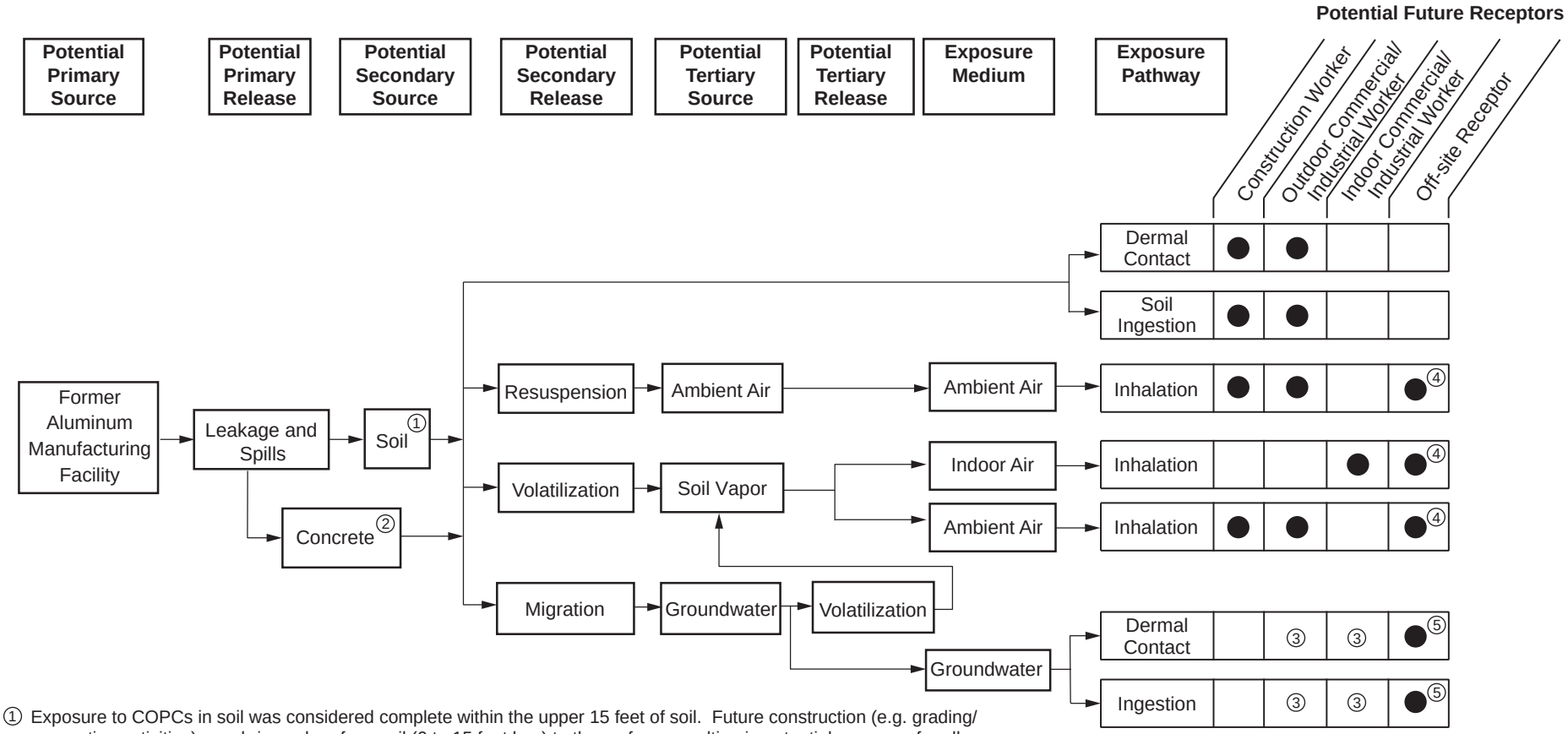


① Exposure to COPCs in soil was considered complete within the upper 15 feet of soil. Future construction (e.g. grading/ excavation activities) may bring subsurface soil (0 to 15 feet bgs) to the surface, resulting in potential exposure for all on-site outdoor receptors. Soil vapor data were used to evaluate potential vapor migration from soil to air.

② Concrete present in former building slabs may be demolished on site, crushed, and reused as fill in soil and foundation removal areas. Exposure may be potentially complete to PCBs in crushed concrete via the soil exposure pathways for construction workers during construction, and outdoor commercial/industrial workers if crushed concrete is left uncovered at the surface.

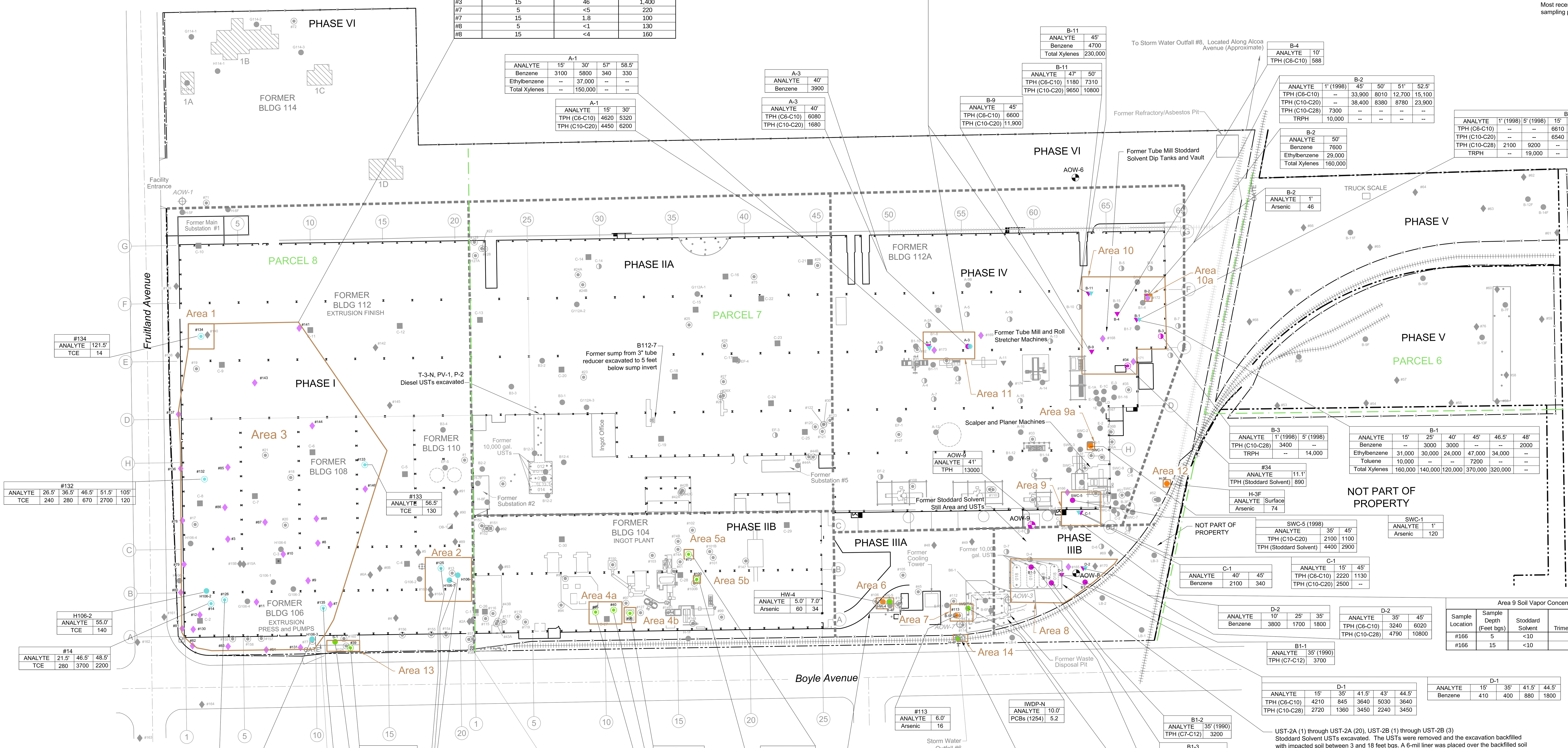
③ On-site exposure to groundwater in the first water bearing unit is considered incomplete for commercial/industrial workers as a land use deed covenant to be issued for the Site will restrict on-site groundwater use.

④ Exposure may be potentially complete for off-site receptors (commercial/industrial workers at adjacent or nearby facilities, or utility workers) to on-site COPCs migrating into off-site ambient or indoor air, but it was assumed that the evaluation of on-site inhalation exposures would be protective of off-site inhalation exposures. Potential exposure to site-related COPCs in off-site soil vapor at the intersection of Fruitland and Boyle Avenues was evaluated.

⑤ Off-site groundwater use (primarily groundwater found in the first water bearing unit) was considered potentially complete based on the beneficial use designation listed in the Californian Regional Water Quality Control Board Los Angeles Region (RWQCB) Basin Plan (1994).

SITE CONCEPTUAL MODEL
Former Pechiney Cast Plate, Inc.
3200 Fruitland Avenue
Vernon, California

By: PS	Date: 07/29/09	Project No. 10627.003
AMEC Geomatrix		Figure **9**



Area 3 Soil Vapor Concentrations

Sample	Sample Depth in Feet	Tetrachloroethene (PCE)	Trichloroethene (TCE)
#78	5	<5	40
#78	15	6.2	140
#79	5	8	130
#79	15	22	420
#80	5	30	550
#80	15	49	900
#81	5	110	1,400
#81	15	120	1,900
#82	5	49	970
#82	15	120	1,900
#83	5	13	170
#83	15	29	360
#-84	5	11	100
#-84	15	25	250
#-85	5	<5	88
#-85	15	13	350
#86	5	15	310
#86	15	11	290
#87	5	28	600
#87	15	32	740
#88	5	15	310
#88	15	18	390
#130	5	49	730
#130	15	95	1,500
#131	5	7.2	73
#131	15	18	200
#136	5	0.93	18
#136	15	7.2	130
#137	15	1.8	39
#141	15	0.81	21
#143	5	3.3	74
#143	15	4.1	130
#144	15	4.1	82
#146	5	2.4	38
#146	15	3.4	92
#9	5	8	310
#9	15	12	590
#10	5	<10	490
#10	15	29	1,100
#11	5	<5	350
#11	15	40	1,100
#12	5	44	1,200
#12	15	68	1,600
#3	5	28	780
#3	15	46	1,400
#7	5	<5	220
#7	15	1.8	100
#8	5	<1	130
#8	15	<4	160

A-1

ANALYTE	15'	30'	57'	58.5'
Benzene	3100	5800	340	330
Ethylbenzene	--	37,000	--	--
Total Xylenes	--	150,000	--	--

Areas 10 and 11 Soil Vapor Concentrations

Sample Location	Sample Depth (Feet bgs)	Stoddard Solvent	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene
#167	5	<10	<0.10	0.28
#167	15	<10	<0.10	0.16
#168	5	420	<0.20	<0.20
#168	15	1,400	<1.0	<1.0
#169	5	13,000	28	77
#169	15	8,900	<10	16
#171	5	180	<1.0	1.8
#171	15	21,000	70	280
#172	5	26,000	50	180
#172	15	41,000	51	160
#173	5	23,000	<20	46
#173	15	42,000	61	98

B-11

ANALYTE	45'
Benzene	4700
Total Xylenes	230,000

Area 9 Soil Vapor Concentrations

Sample Location	Sample Depth (Feet bgs)	Stoddard Solvent	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene
#166	5	<10	<0.10	0.16
#166	15	<10	<0.10	0.23

SWC-1

ANALYTE	1'
Arsenic	120

B1-1

ANALYTE	35' (1990)
TPH (C7-C12)	3700

D-1

ANALYTE	15'	35'	41.5'	43'	44.5'
TPH (C6-C10)	4210	845	3640	5030	3640
TPH (C10-C28)	2720	1360	3450	2240	3450

D-1

ANALYTE	15'	35'	41.5'	44.5'
Benzene	410	400	880	1800

B1-2

ANALYTE	35' (1990)
TPH (C7-C12)	3200

B1-3

ANALYTE	35' (1990)
TPH (C5-C10)	2700
TPH (C7-C12)	1900

UST-2A (1) through UST-2A (20), UST-2B (1) through UST-2B (3) Stoddard Solvent USTs excavated. The USTs were removed and the excavation backfilled with impacted soil between 3 and 18 feet bgs. A 6-mil liner was placed over the backfilled soil at 3 feet bgs and covered with clean fill (CCG Group, Inc., 1995).
TPH (undifferentiated) remains in soil at 455 to 9,500 mg/kg at bottom and sidewalls.

Area 8 Soil Vapor Concentrations

Sample Location	Sample Depth (Feet bgs)	TPH Stoddard Solvent	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene
#50	5	530	--	--
#50	15	720	--	--
#165	5	26,000	<100	<100
#165	15	60,000	120	360
#170	5	<10	<0.10	<0.10
#170	15	<10	<0.10	<0.10

IWDP-1 through IWDP-13, IWDP-N (Black), IWDP-NE, IWDP-NWB, IWDP-S, IWDP-SE, IWDP-SWB, IWDP-W (Clean), IWDP -W (Clean), IWDP-W (Gray), IWDP-Na (Clean), IWDP-Nb (Clean)
Former waste disposal pit excavated between 30 - 45 feet bgs
PCBs remain in soil at 890 - 5,200 µg/kg and TPH (C21-C28) remain in soil at 414 - 49,000 m/kg at sidewalls
PCBs remain in soil at ND - 900 µg/kg and TPH (C21-C28) remain in soil at 173 - 8300 mg/kg at excavation bottom
Excavation was terminated due to proximity to the railroad tracks along the south and west sides of the excavation

Explanation

- Sample taken during excavation activities
- AOW-9 Groundwater monitoring well
- AOW-3 Groundwater monitoring well destroyed
- #90 Geomatrix soil vapor sampling point
- #109 Geomatrix soil boring
- B-1 Approximate location of historical boring
- D-1 Approximate location of historical CPT
- C-1 Approximate location of historical vapor extraction well (destroyed 2006)
- C-30 Approximate location of historical concrete core sample
- OB-1 Observation area
- 20 B Column and row numbering system for footings
- Limits of work
- Phasing area boundary
- Parcel boundary
- Railroad track (at grade)
- Railroad track (buried)
- Chain link fence
- BLDG Building
- Previously decommissioned, capped, and buried structures containing PCB-impacted concrete (to remain)
- Metals in soil above site-specific remediation goals (mg/kg)
- Polychlorinated Biphenyl's (PCBs) in soil above site-specific remediation goals (mg/kg)
- Volatile Organic Compounds (VOCs) in soil above site-specific remediation goals (µg/kg)
- Total Petroleum Hydrocarbons (TPH) in soil above site-specific remediation goals (mg/kg)
- VOCs or TPH in soil vapor above site-specific remediation goals (µg/L)
- Areas above site-specific remediation goals

Note:

Most recent TPH results (2005 data) shown for historical sampling points unless otherwise noted.

0 30 60
Approximate Scale in Feet

Basemap modified from Pechiney Cast Plate, Inc. Site Plan dated January 9, 2002; Geraghty & Miller, Inc. "Groundwater Elevation and Volatile Organic Compound Concentrations December 8, 1994" figure dated February 2, 1995; Aluminum Company of America "Works General-MPA" figure dated October 10, 1984; and Los Angeles County Assessor's Office Parcel Map 6310/Sheet 8 dated November 5, 1958.

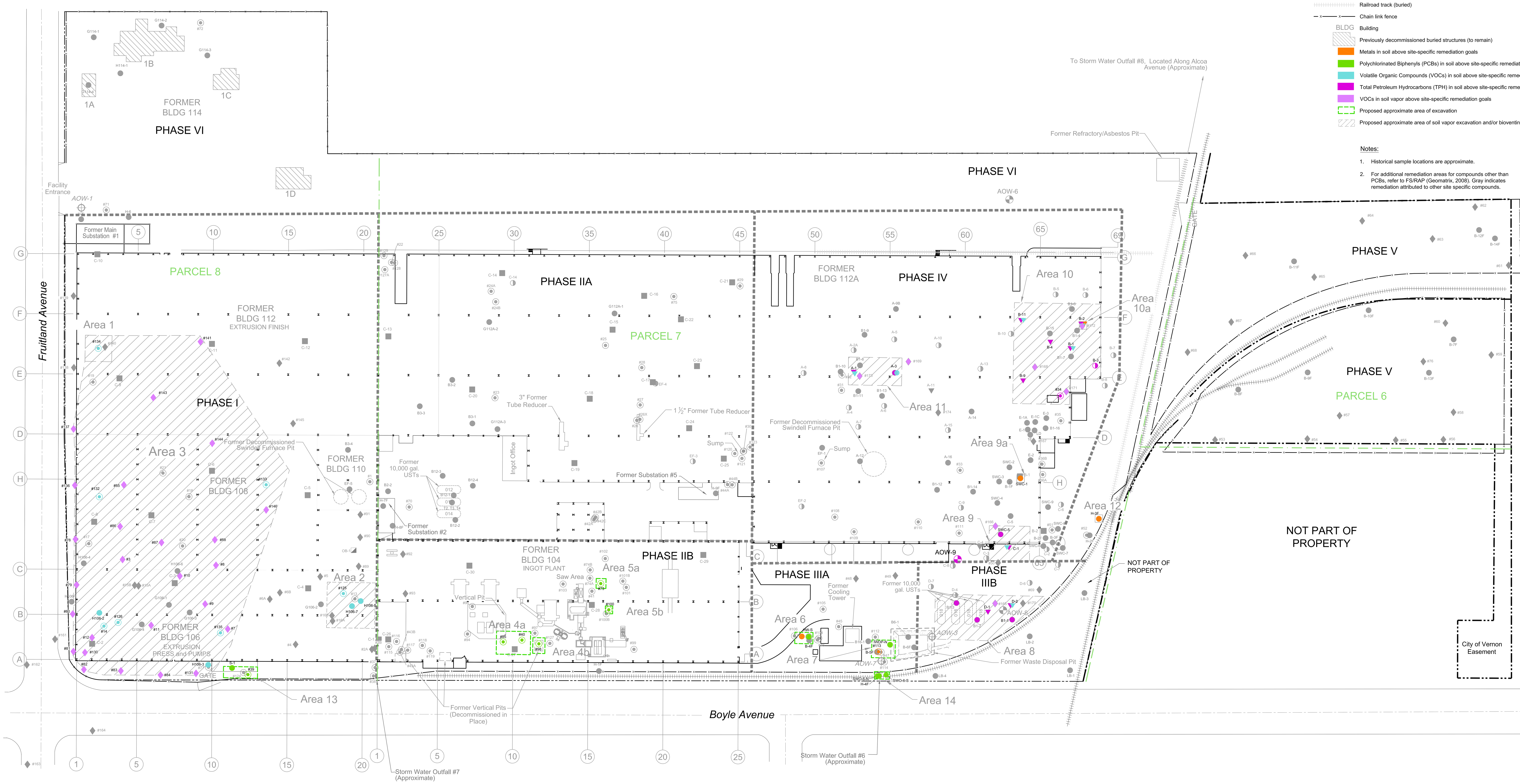
AREAS WITH COCs AT CONCENTRATIONS ABOVE SITE-SPECIFIC REMEDIATION GOALS

Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

By: pah | Date: 08/05/09 | Project No.10627.003.0

AMEC Geomatrix

Figure 10



Explanation

- AOW-9 Groundwater monitoring well
- AOW-3 Groundwater monitoring well destroyed
- #90 Geomatrix soil vapor sampling point
- #109 Geomatrix soil boring
- B-1 Approximate location of historical boring
- D-1 Approximate location of historical CPT
- C-1 Approximate location of historical vapor extraction well (destroyed 2006)
- C-30 Approximate location of historical concrete core sample
- OB-1 Observation area
- 20 B Column and row numbering system for footings
- Limits of work
- Phasing area boundary
- Parcel boundary
- Railroad track (at grade)
- Railroad track (buried)
- Chain link fence
- BLDG Building
- Previously decommissioned buried structures (to remain)
- Metals in soil above site-specific remediation goals
- Polychlorinated Biphenyls (PCBs) in soil above site-specific remediation goals
- Volatile Organic Compounds (VOCs) in soil above site-specific remediation goals
- Total Petroleum Hydrocarbons (TPH) in soil above site-specific remediation goals
- VOCs in soil vapor above site-specific remediation goals
- Proposed approximate area of excavation
- Proposed approximate area of soil vapor excavation and/or bioventing

Notes:

1. Historical sample locations are approximate.
2. For additional remediation areas for compounds other than PCBs, refer to FS/RAP (Geomatrix, 2008). Gray indicates remediation attributed to other site specific compounds.

Area Designation	Length (ft)	Width (ft)	Depth (ft)	COPC(s)	Notes
1	--	--	--	VOCs	Soil Vapor Extraction
2	--	--	--	VOCs	Soil Vapor Extraction
3	--	--	--	VOCs	Soil Vapor Extraction
4a	50	40	12	PCBs	Excavation
4b	15	18	11	PCBs	Excavation (removal of material within former vertical pit)
5a	10	10	4	PCBs	Excavation
5b	10	10	4	PCBs	Excavation
6	15	15	8	Arsenic	Excavation
	15	15	4	PCBs	Excavation
7	40	25	12	PCBs, Arsenic	Excavation
8	--	--	--	Stoddard Solvent, VOCs	Soil Vapor Extraction/Bioventing
9	--	--	--	Stoddard Solvent, VOCs	Soil Vapor Extraction/Bioventing
9a	5	5	2	Arsenic	Excavation
10	--	--	--	Stoddard Solvent, VOCs	Soil Vapor Extraction/Bioventing
10a	5	5	2	Arsenic	Excavation
11	--	--	--	Stoddard Solvent, VOCs	Soil Vapor Extraction/Bioventing
12	5	5	2	Arsenic	Excavation
13	60	2	3	PCBs	Excavations (surface gravel and shallow soil)
14	10	2	3	PCBs	Excavation

Note: All dimensions are approximate

0 25 50
Approximate Scale in Feet

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SOIL REMEDIATION AREAS
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Vernon, California

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AMEC Geomatrix | Figure 11